

Waste Management Plan for Portugal Cove South to Cape Race Multipurpose Trail

Prepared By: Town of Portugal Cove South

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Date: January 2024

Waste Management Plan for Portugal Cove South to Cape Race Multipurpose Trail

1. Overview This Waste Management Plan outlines strategies for managing waste generated during the construction and maintenance of the multipurpose trail connecting Portugal Cove South to Cape Race. It aligns with environmental regulations and incorporates principles of reduce, reuse, recycle, and recover. The plan addresses the handling of petroleum fluids and natural waste such as brush and shrub.

2. Waste Identification

- **Petroleum Fluids:** Includes gasoline, oil, and other petroleum-based products used in mini-excavators, ATVs, and chainsaws.
- **Natural Waste:** Consists of leftover brush, shrubs, and vegetation debris generated during trail clearing and maintenance.

3. Waste Management Procedures

3.1 Waste Generation

- Petroleum fumes will be generated through equipment operation and maintenance.
- Natural waste will be produced during grubbing, brush cutting, and tree trimming.

3.2 Storage

- **Petroleum Fluids:**
 - Stored in designated, labeled containers compliant with safety standards.
 - Containers will be placed on spill-proof trays and located at least 30 meters from any water source. Fuels will be stored in proper containers and secured to ATV trailer.
- **Natural Waste:**
 - Piled adjacent to the trail in a single row, ensuring minimal disruption to nearby flora and fauna.

3.3 Transport

- **Petroleum Fluids:**
 - Transported in certified containers to minimize spillage risk.
 - Only authorized personnel with appropriate training will handle transportation.
- **Natural Waste:**
 - Left in situ where feasible to decompose naturally.
 - If transported off-site, waste will be moved to designated composting or mulching facilities.

3.4 Treatment and Disposal

- **Petroleum Fluids:**

- Spent fluids will be disposed of at licensed hazardous waste facilities if necessary.
- Oil and fuel filters will also be collected and disposed of responsibly if necessary.
- **Natural Waste:**
 - Used for mulching or left to decompose naturally as per environmental best practices.

4. Special Considerations

4.1 Spill Prevention and Response

- Spill kits will be available on-site at all times.
- Refueling operations will occur in designated areas with spill containment measures.
- Workers will receive training in spill response procedures.
- Any spills will be reported immediately and cleaned up according to environmental regulations.

4.2 Wildlife and Environmental Impact Mitigation

- Avoid clearing vegetation near nesting sites or during breeding seasons.
- No cutting within 200 meters of osprey or bald eagle nests during nesting seasons.
- Sediment barriers will be used near waterways to prevent contamination.

5. Contingency Plan

5.1 Emergency Situations

- Immediate containment and cleanup of spills using spill kits.
- Notification of relevant authorities (e.g., Department of Environment) in case of large spills.
- Cease operations in affected areas until the issue is resolved.

5.2 Staff Training

- All staff and volunteers will have training on proper waste handling, spill response, and safety protocols before beginning work.
- Training records will be maintained by the Town of Portugal Cove South.

6. Site Details

- Waste storage areas will be marked on the project site map if necessary. No WDG/HW or petroleum fluids will be stored on site. Petroleum fluids will be stored and transported in ATV trailer in designated, labeled containers compliant with safety standards.
- Brush piles and waste staging areas will be situated away from waterways and sensitive habitats.

7. Monitoring and Reporting

- Regular inspections will be conducted to ensure compliance with waste management protocols.

- Incidents and waste disposal records will be documented and reviewed.

8. Conclusion

The only WDG/HW that will be used in this operation are Petroleum fluids such as gasoline, engine, and hydraulic oils. These fluids will be stored in certified containers and secured to ATV trailer and transported only when necessary for refueling. Spill kits will be located on machinery and trailers. Other wastes will be natural as mentioned above in this plan.

This Waste Management Plan ensures the sustainable and responsible handling of all waste associated with the multipurpose trail project. By adhering to these guidelines, the Town of Portugal Cove South demonstrates its commitment to environmental stewardship and regulatory compliance.